



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
GB/T 16483-2008, GB/T 17519-2013

Product Name PLASBLAK® XP6801D Black Masterbatch
Revision date 28-Mar-2022
Version 1

Product Code(s) XP6801D

1. Identification

Product identifier

Product Name PLASBLAK® XP6801D Black Masterbatch

Other means of identification

Product Code(s) XP6801D

Details of the supplier of the safety data sheet

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Recommended use of the chemical and restrictions on use

Recommended use Plastics products: Coloration, Various.

Restrictions on use No information available.

2. Hazard(s) identification

Emergency Overview

No significant adverse health effects

Appearance Pellets

Physical state Solid

Odor None

Classification of the substance or mixture

Not classified.

Label elements

Signal word
None

Hazard statements

None

Precautionary statements

None

Physical and chemical hazards

Not applicable.

Health hazards

Immediate Health Effects: Not applicable.

Chronic effects: Not applicable.

Environmental hazards

Not applicable.

Other hazards which do not result in classification

Resin particles, like other inert materials, are mechanically irritating to eyes. Contact with molten product can result in thermal burns. Vapors possibly released during processing may be irritating to the eyes. Vapors possibly released during processing may be irritating to the respiratory tract. Vapors possibly include traces of styrene and acrylonitrile.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

The product contains no substances known to be hazardous to health or to the environment in concentrations which need to be taken into account. Contains: Carbon black, Styrene Acrylonitrile Copolymer.

4. First-aid measures

Description of necessary first aid measures

Skin contact	Wash thoroughly with soap and water. Cool skin rapidly with cold water after contact with molten polymer. Seek medical attention if redness, swelling, itching, or burning occurs.
Eye contact	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
Inhalation	If cough, shortness of breath or other breathing problems occur, move to fresh air. Seek medical attention if symptoms persist. If necessary, restore normal breathing through standard first aid measures.
Ingestion	Do NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed Product is not classified as hazardous. See Section 11 for additional Toxicological Information.

Note to physicians Product is not classified as hazardous. Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO2 or water spray.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical Burning produces irritant fumes. Product as shipped is not a combustible dust. However, a combustible concentration of dust may occur when fines are suspended in air.

Hazardous combustion products Carbon monoxide, Carbon dioxide (CO2), Nitrogen oxides (NOx), Low molecular weight hydrocarbons, Oxidized hydrocarbons, Ammonia, Acrylonitrile, Hydrogen cyanide, Styrene monomers

Special protective actions for fire-fighters In case of fire: Wear self-contained breathing apparatus. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid walking on pellets or powder which present a slipping hazard on hard surfaces. Remove all sources of ignition. Avoid generation of dust. Ensure adequate ventilation. Use personal protective equipment as required. See section 8.

Environmental precautions No special environmental measures are necessary. Prevent product from entering drains.

Methods and material for containment and cleaning up Vacuum or sweep material and place in a disposal container. Pick up and transfer to properly labeled containers. Avoid generation of dust. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling Provide appropriate exhaust ventilation at machinery and at places where vapors from hot product or dust can be generated. Avoid generation of dust. Take precautionary measures against static discharges. All metal parts of the mixing and processing equipment must be earthed/grounded. Ensure all equipment is electrically earthed/grounded before beginning transfer operations.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities Keep in properly labeled containers. Store in a dry warehouse at a temperature below 30°C.

Incompatible materials Strong oxidizing agents

8. Exposure controls/personal protection

Occupational exposure limits Materials in pellets are not expected to contain dust. Product dust could be generated by abrasion in conveying systems.

Chemical name	Carbon Black - 1333-86-4
China	TWA: 4 mg/m ³ total dust
ACGIH TLV	TWA: 3 mg/m ³ inhalable particulate matter
Chemical name	Dust, or particulates not otherwise specified - RR-00072-6
China	TWA: 8 mg/m ³ total
ACGIH TLV	TWA: 10 mg/m ³ inhalable particles, recommended TWA: 3 mg/m ³ respirable particles, recommended
Chemical name	Styrene - 100-42-5
China	TWA: 50 mg/m ³ STEL: 100 mg/m ³

ACGIH TLV	STEL: 20 ppm TWA: 10 ppm
Chemical name	Acrylonitrile - 107-13-1
China	TWA: 1 mg/m ³ STEL: 2 mg/m ³
ACGIH TLV	TWA: 2 ppm

Engineering controls

Provide appropriate exhaust ventilation at machinery and at places where vapors from hot product or dust can be generated. Ensure adequate ventilation to maintain exposures below occupational limits. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles). Face shield recommended for working with molten materials.
Skin and body protection	Protect skin against contact with molten materials.
Hand protection	Wear suitable gloves to protect from thermal and irritation hazards.
Respiratory protection	Approved respirator may be necessary if local exhaust ventilation is not adequate.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Pellets
Color	black
Physical state	Solid
Odor	None
Odor threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not applicable
Melting point / freezing point		No data available
Boiling point / boiling range		Not applicable
Flash point		No data available
Evaporation rate		No data available
Flammability (solid, gas)		No data available
Flammability Limit in Air		Not applicable
Vapor pressure		Not applicable
Relative vapor density		Not applicable
Relative density	1.25	Calculated
Water solubility	Insoluble in water	
Solubility(ies)		Not applicable
Partition coefficient		Not applicable
Autoignition temperature		No data available
Decomposition temperature		No data available
Kinematic viscosity		Not applicable
Dynamic viscosity		Not applicable

Additional information

Explosive properties	Not applicable
Oxidizing properties	Not applicable

10. Stability and reactivity

<u>Reactivity</u>	Stable under normal conditions.
<u>Stability</u>	Stable under normal conditions. Stable under recommended storage conditions.
<u>Possibility of hazardous reactions</u>	None under normal processing.
<u>Explosion data</u>	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Product as shipped is not a combustible dust. However, a combustible concentration of dust may occur when fines are suspended in air. Take precautionary measures against static discharges. All metal parts of the mixing and processing equipment must be earthed/grounded. Ensure all equipment is electrically earthed/grounded before beginning transfer operations.
<u>Conditions to avoid</u>	Strong oxidizing agents. Keep away from heat. Eliminate sources of ignition. Do not expose to temperatures above stability limit. Avoid generation of dust. Dust may form explosible mixture in air.
<u>Incompatible materials</u>	Strong oxidizing agents
<u>Hazardous decomposition products</u>	No decomposition if stored normally. Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Products possibly generated: Carbon dioxide, Carbon monoxide, Low molecular weight hydrocarbons, Oxidized hydrocarbons, Oxides of nitrogen, Ammonia, Acrylonitrile, Hydrogen cyanide, Styrene monomers

11. Toxicological information

<u>Acute toxicity</u>	
Oral LD50	No data are available on the product itself. No effects expected.
Dermal LD50	No data are available on the product itself. No effects expected.
Inhalation LC50	No data are available on the product itself. No effects expected.
Skin corrosion/irritation	No data are available on the product itself. No effects expected.
Serious eye damage/eye irritation	No data are available on the product itself. No effects expected.
Respiratory or skin sensitization	No data are available on the product itself. No effects expected.
Germ cell mutagenicity	No data are available on the product itself. No effects expected.
Carcinogenicity	No data are available on the product itself. Carbon Black is listed by IARC (International Agency for Research on Cancer) as a group 2B carcinogen. All ingredients are encapsulated in a polymeric matrix.
Reproductive toxicity	No data are available on the product itself. No effects expected.
Specific target organ toxicity (single exposure)	No data are available on the product itself. No effects expected.
Specific target organ toxicity (repeated exposure)	No data are available on the product itself. No effects expected.
Target organ effects	Skin, Lungs, Eyes
Aspiration hazard	None reasonably foreseeable. No effects expected.
Other adverse effects	No information available.

12. Ecological information

<u>Ecotoxicity</u>	No data are available on the product itself. No aquatic or environmental toxicity expected.
<u>Persistence and degradability</u>	Product not soluble in water nor biodegradable.
<u>Bioaccumulative potential</u>	Does not bioaccumulate.
<u>Mobility</u>	Insoluble. Not expected to migrate.
<u>Other adverse effects</u>	No information available.

13. Disposal considerations

<u>Waste chemicals</u>	Can be landfilled or incinerated, when in compliance with local regulations. Material can be recycled using suitable technology.
<u>Contaminated packaging</u>	Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

14. Transport information

<u>China</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>IATA</u>	Not regulated

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Measures for the Environmental Management of New Chemical Substances
IECSC Complies

International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
TCSI	Complies
NZIoC	Complies

Note:

K-REACH: subject to volume limitations, please contact your Cabot Sales Representative for more information.

Legend:

IECSC - China Inventory of Existing Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
TCSI - Taiwan Chemical Substance Inventory
NZIOC - New Zealand Inventory of Chemicals

16. Other information

Prepared By Cabot Corporation - Safety, Health and Environmental Affairs

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Abbreviations and acronyms

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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End of Safety Data Sheet